

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S4	3	S3 and conductive	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/15 14:17
S5	11	(conductive adj polymer) and "508". clas. and @ad<"20040211"	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/15 14:19
S3	98	S2 @ad<"20040211"	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/15 14:33
S8	57	S7 not S4 not S6	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/15 14:36
S7	66	S3 and polymer @ad<"20040211"	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/15 14:36
S6	8	S3 and \$4aniline @ad<"20040211"	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/15 14:36
S10	922	S9 and @ad<"20040211"	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/15 16:04
S9	1083	polyaniline and "252".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/15 16:04
S1	6	polyaniline and "508".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/15 16:04
S13	13	S11 and graphite	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/15 16:28
S12	0	S11 and (molybdenum adj disulfide)	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/15 16:28
S11	52	S10 and (dry adj film)	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/15 16:28
S14	0	electropolymerization and "508".clas. and @ad<"20040211"	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 09:57
S15	19	electropolymerization and (dry adj film) and @ad<"20040211"	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 10:00
S16	210	electropolymerization and polyaniline and @ad<"20040211"	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 10:23

## EAST Search History

S18	0	S17 and "508".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 10:29
S17	343	electrophoretic and polyaniline and @ad<"20040211"	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 10:29
S20	34	S17 and (metal adj substrate)	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 10:31
S19	37	S17 and (metal adj surface)	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 10:31
S21	19	S20 not S19	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 10:57
S23	1	S22 and "508".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 10:58
S22	2001	graphite and polyaniline and @ad<"20040211"	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 10:59
S24	6	S22 and (solid adj lubricant)	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 11:00
S25	38	n-methylpyrrolidone and "508".clas. and @ad<"20040211"	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 11:40
S27	1174	n-methylpyrrolidone and film and evaporate and @ad<"20040211"	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 11:48
S29	2390	(conversion adj coating) and @ad<"20040211"	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 11:50
S28	78	S27 and polyaniline	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 11:50
S31	3	S30 and polyaniline	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 12:10
S34	1	S30 and co-deposited	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 12:15
S33	0	S30 and codeposited	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 12:15

## EAST Search History

S32	62	S30 and polymer	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 12:15
S35	1	"6171409".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 12:37
S36	2	"3338755".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 13:34
S38	25	S37 and S30	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 13:47
S37	159	S29 and oxalate	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 13:47
S30	139	S29 and (manganese adj phosphate)	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 13:47
S26	18	n-methylpyrrolidone and film and "508".clas. and @ad<"20040211"	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 13:51
S40	12	film and evaporate and pyrrolidone and "508".clas. and @ad<"20040211"	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 14:05
S41	1	film and evaporate and methylpyrrolidone and "508".clas. and @ad<"20040211"	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 14:18
S42	419	n-methylpyrrolidone and polyaniline and coating and @ad<"20040211"	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 14:19
S39	0	n-methylpyrrolidone and polyaniline and "508".clas. and @ad<"20040211"	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 14:19
S43	105	S42 and evaporated	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 14:20
S44	17	S42 and evaporated and corrosion	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 14:24
S45	398	wang.in. and homogeneously	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 14:25
S50	46	S49 and layer	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 14:40

## EAST Search History

S49	46	S48 and micrometers	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 14:40
S46	81	S45 and conductive	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 14:40
S48	325	S47 and thickness	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 14:42
S51	1	S47 and "508".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 14:43
S52	101	S47 and corrosion	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 15:01
S55	97	S54 and layers	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 15:04
S54	109	S48 and microns	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 15:04
S56	2066	polyaniline and layers and thickness and (microns or micrometers) and @ad<"20040211"	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 15:27
S59	49	S58 and corrosion	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 15:28
S57	367	S56 and (multiple adj layers)	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 15:28
S61	28	S60 not S59	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 15:31
S60	32	S58 and lubric\$4	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 15:31
S62	38	S57 and (metal adj surface)	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 15:33
S58	324	S57 and coating	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 15:33
S64	31	S62 not S59	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 15:34

## EAST Search History

S63	35	S62 not S61	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 15:34
S65	5	S53 and (multiple adj layers)	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 15:35
S53	84	S52 and thickness	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 15:35
S70	474	S69 and layers	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 15:36
S69	506	S68 and solvent	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 15:36
S68	693	S67 and thickness	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 15:36
S67	826	S66 not S47	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 15:36
S66	1225	(polyaniline with film) and @ad<"20040211"	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 15:36
S47	399	(polyaniline adj film) and @ad<"20040211"	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 15:36
S71	69	S70 and corrosion	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 15:45
S73	99	S72 and thickness	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 15:47
S72	104	S66 and (("1" or "2") adj (microns or micrometers))	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 15:47
S75	141	(dry adj film) and "508".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 15:48
S74	7	S73 and lubric\$5	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 15:48
S2	141	(dry adj film) and "508".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 15:48

## EAST Search History

S77	30	S76 and (microns or micrometers)	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 16:16
S76	79	S75 and thickness	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 16:16
S78	33	S76 and layers	US-PGPUB; USPAT; USOCR	AND	OFF	2006/09/18 16:17
S79	27	S78 and polymer	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 16:18
S81	1	S80 and polyaniline	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 16:28
S80	58	layers with (liquid adj composite) and @ad<"20040211"	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 16:28
S82	34	S47 and twenty	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 16:32
S84	0	S47 and (five adj layers)	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 16:41
S83	1	S47 and ("20" adj layers)	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 16:41
S85	4	S47 and ("5" adj layers)	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 16:42
S88	0	S87 and ("1 to about 2")	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 16:43
S87	192	S47 and "mu.m"	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 16:43
S86	0	S47 and ".mu.m"	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/18 16:43
S90	0	(layers adj of adj coating) and @ad<"20040211"	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/19 09:45
S89	42	S87 and (layers near thickness)	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/19 09:50

## EAST Search History

S91	77	(anticorrosion adj layer) and @ad<"20040211"	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/19 09:51
S93	9	(anticorrosion adj layer) with thickness and @ad<"20040211"	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/19 09:52
S92	0	(anticorrosion adj layer) near thickness and @ad<"20040211"	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/19 09:52
S95	774	"427".clas. and polyaniline	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/19 10:57
S96	128	S95 and (multiple adj layers)	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/19 12:56
S98	22387	(threaded adj connection) and @ad<"20040211"	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/19 13:00
S100	17	S98 and (dry adj film)	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/19 13:02
S99	1	S98 and polyaniline	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/19 13:02